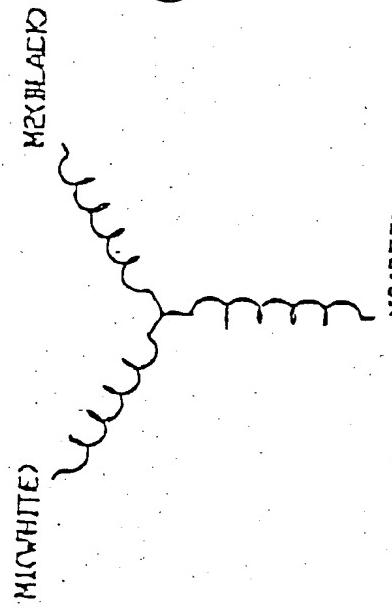
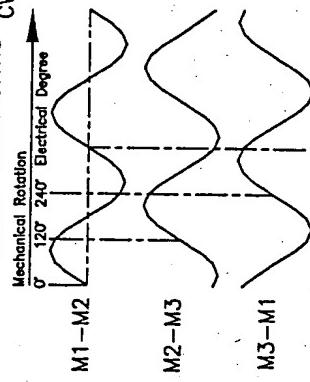


(A)



Clockwise rotation, viewed from the motor shaft, results in these waveforms.

Motor Waveforms CW



(C)

3 PHASE - 6 PULSE

CONNECTION DIAGRAM

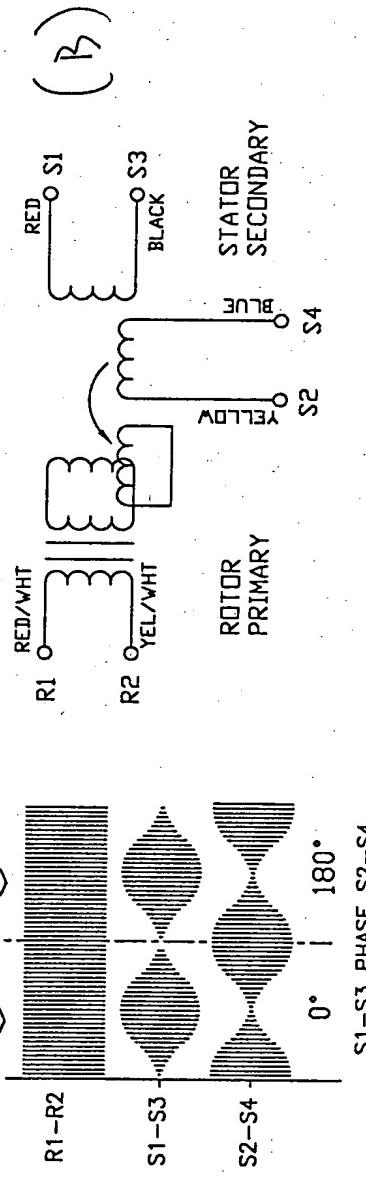


Fig. 2

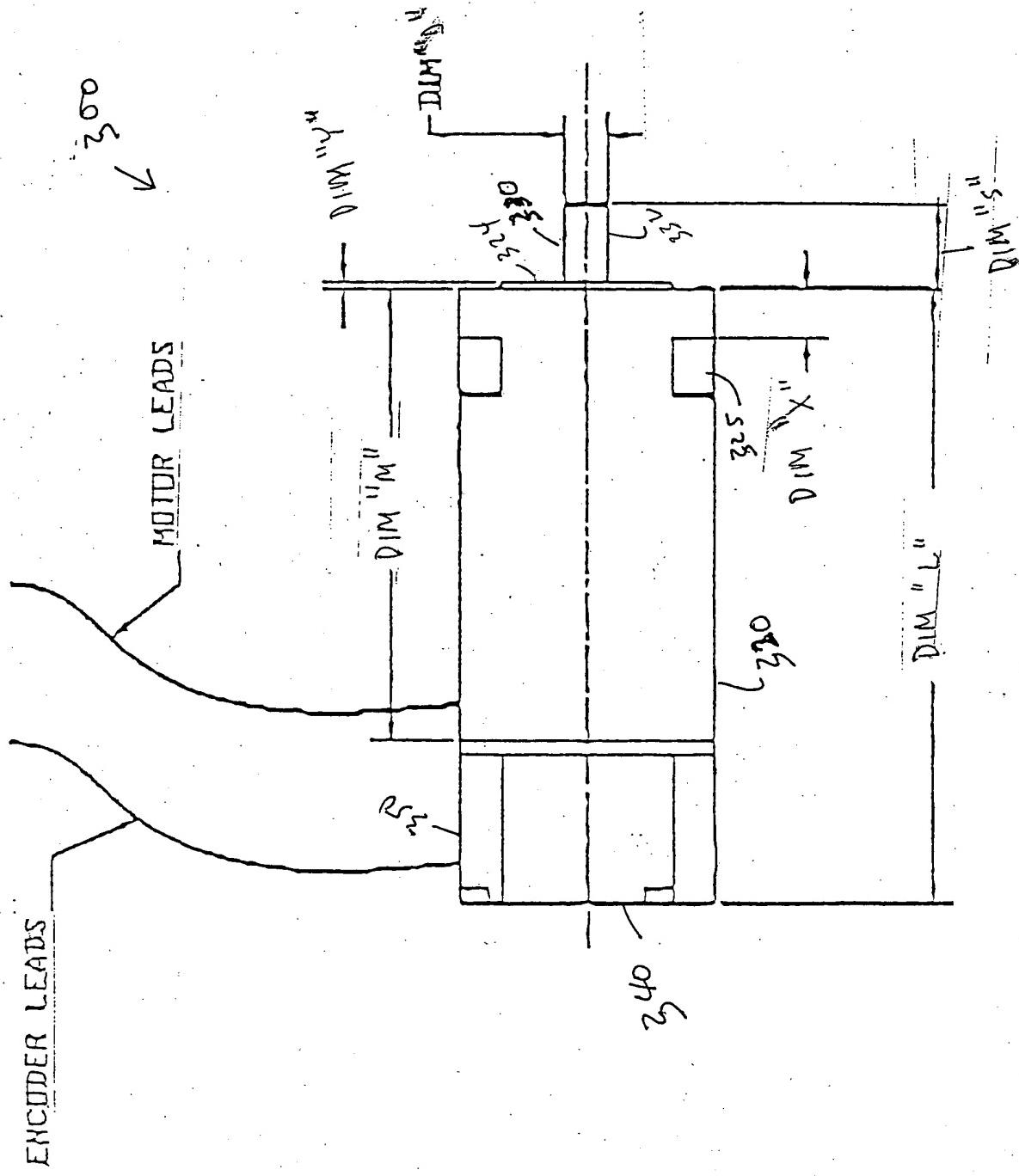
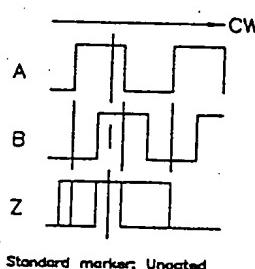


Fig. 2

Clockwise rotation, viewed from the motor shaft, results in these waveforms.

Encoder Waveforms



Standard marker: Ungated

Motor Waveforms

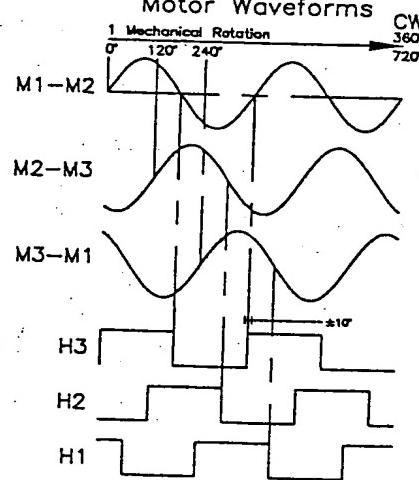


FIG. 4

Express Mailing Label No. EL985171935US  
Inventor: Susanta Datta  
Atty. Docket No. 847-073  
Atty. Joseph B. Milstein, Ph.D.  
Telephone: (315) 425-9000

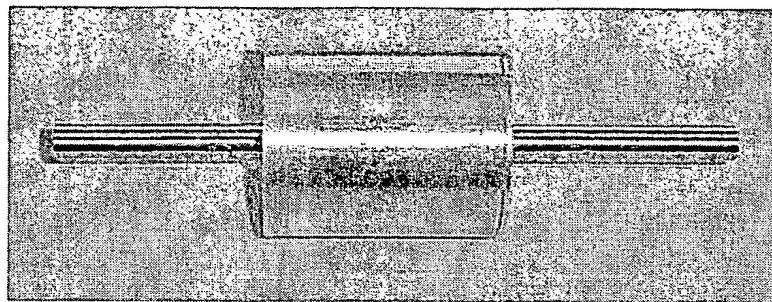


Fig. 5

**BEST AVAILABLE COPY**

Inventor: Susanta Datta

Atty. Doctor No.: 347-073

Telephone No.: 212-558-1000

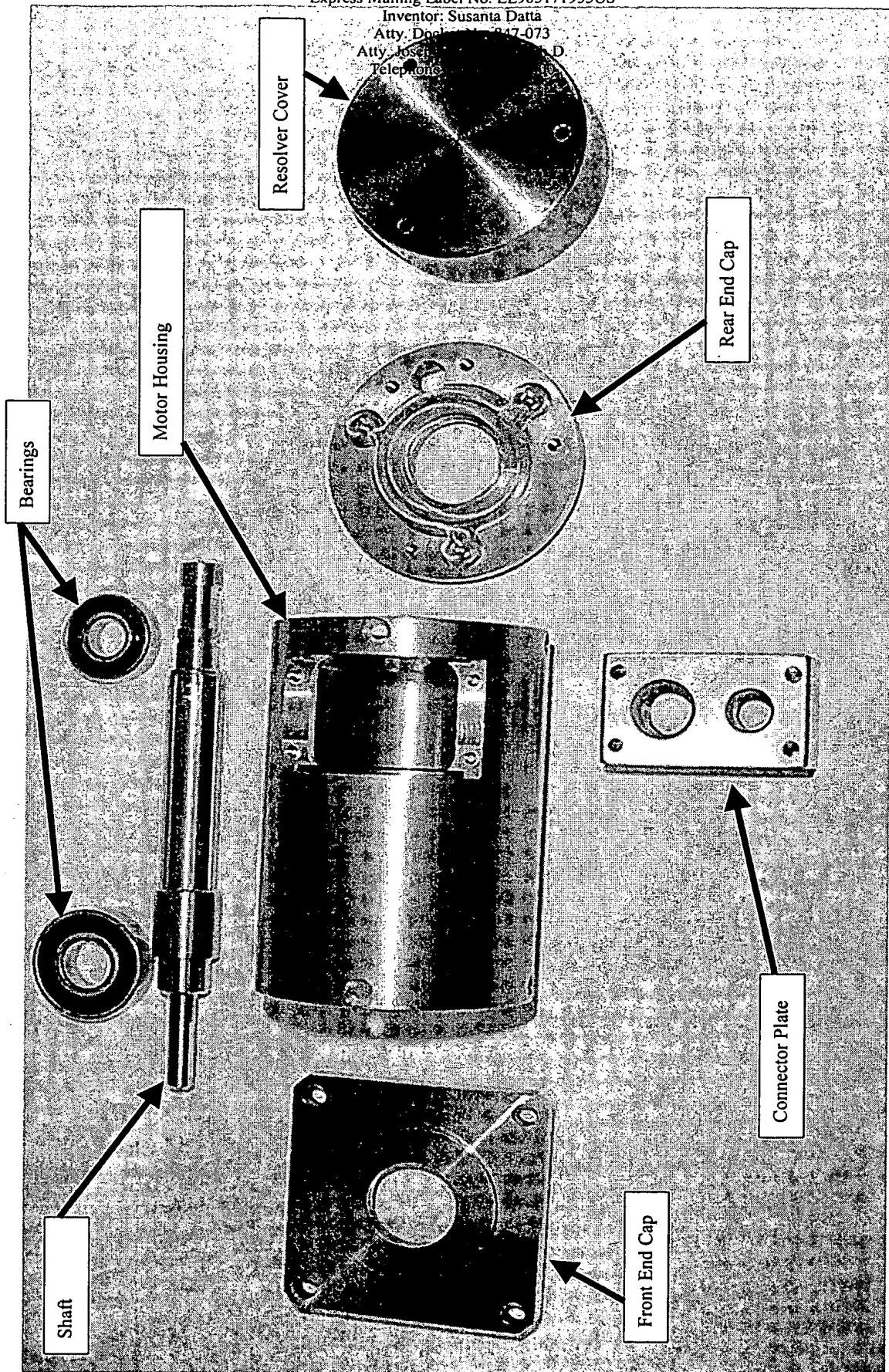
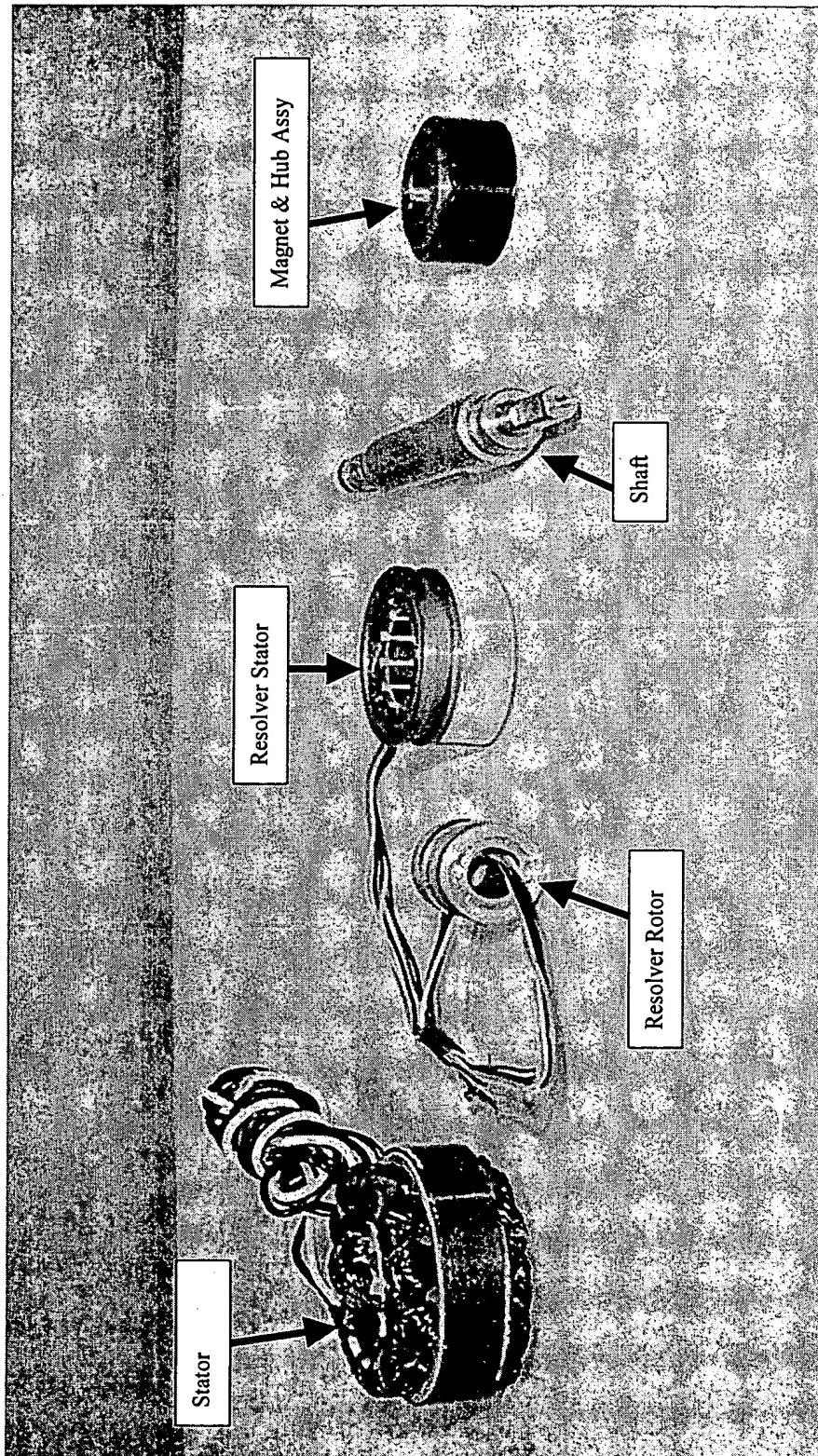


Fig. 6

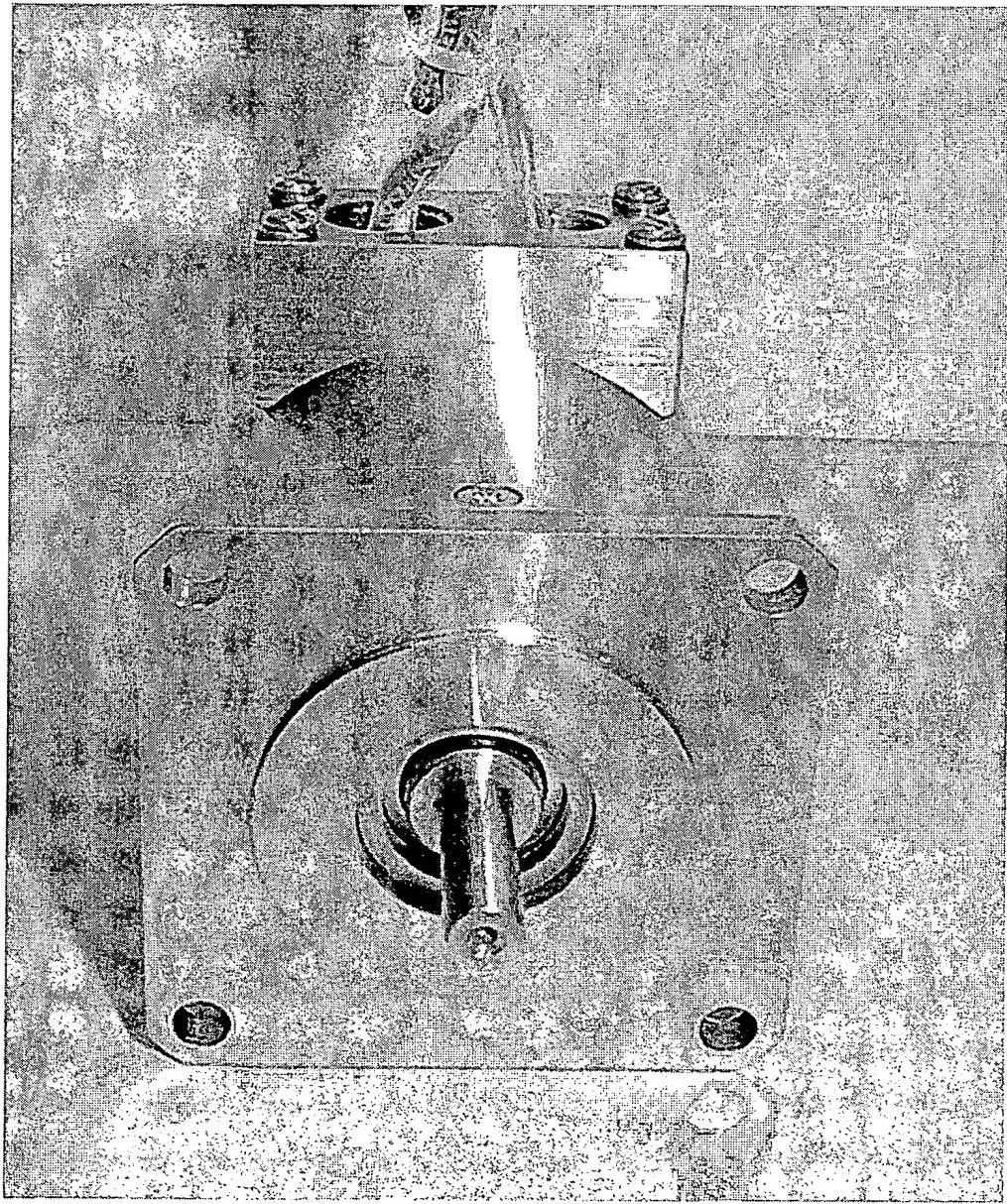
Fig. 7



BEST AVAILABLE COPY

Express Mailing Label No. EL985171935US  
Inventor: Susanta Datta  
Atty. Docket No. 847-073  
Atty. Joseph B. Milstein, Ph.D.  
Telephone: (315) 425-9000

Fig . 8



**BEST AVAILABLE COPY**

Express Mailing Label No. EL985171935US  
Inventor: Susanta Datta  
Atty. Docket No. 847-073  
Atty. Joseph B. Milstein, Ph.D.  
Telephone: (315) 425-9000

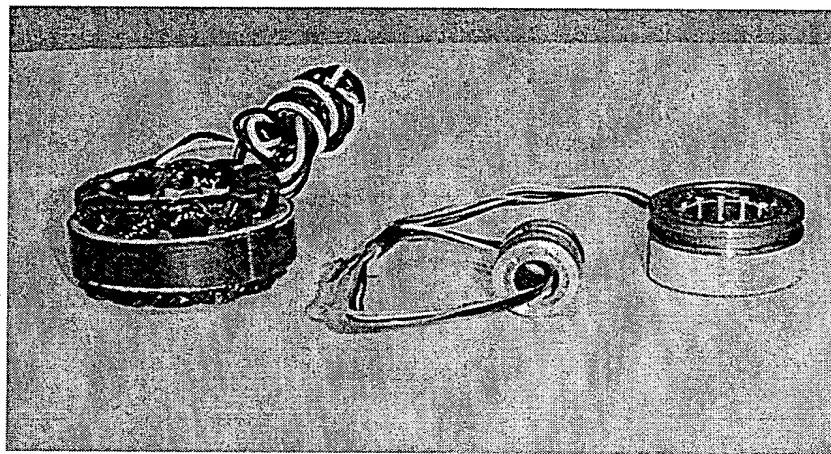


Fig. 9

BEST AVAILABLE COPY

Express Mailing Label No. EL985171935US  
Inventor: Susanta Datta  
Atty. Docket No. 847-073  
Atty. Joseph B. Milstein, Ph.D.  
Telephone: (315) 425-9000

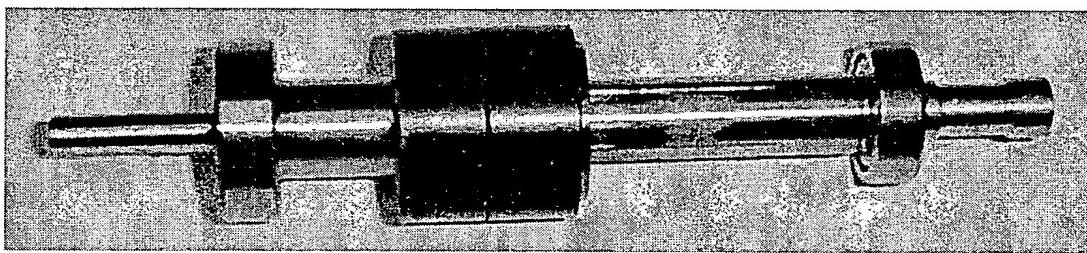


Fig. 10

**BEST AVAILABLE COPY**